

Unit 3

Test

Review

Packet

1/2

answer Key

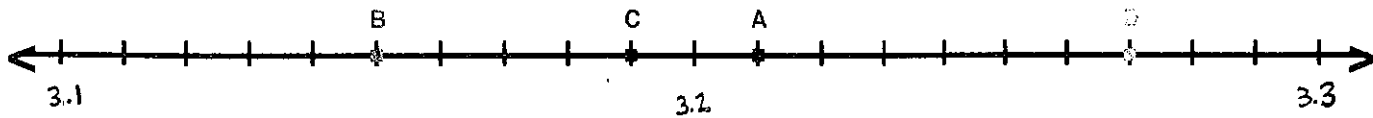
Name : _____ Score : _____

Teacher : _____ Date : _____

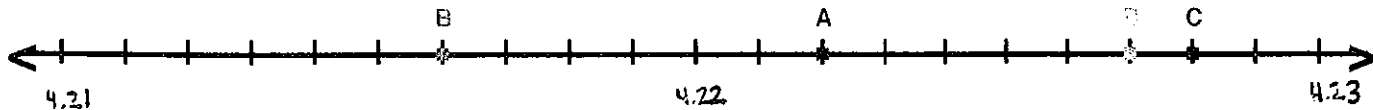
Lesson 1 Decimal Numbers on Number Lines (A)



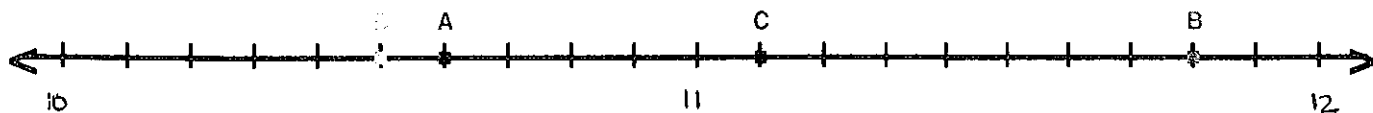
A = _____ B = _____ C = _____ D = _____



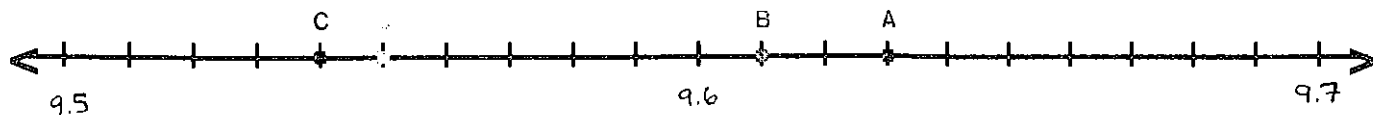
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A = _____ B = _____ C = _____ D = _____



A = _____ B = _____ C = _____ D = _____



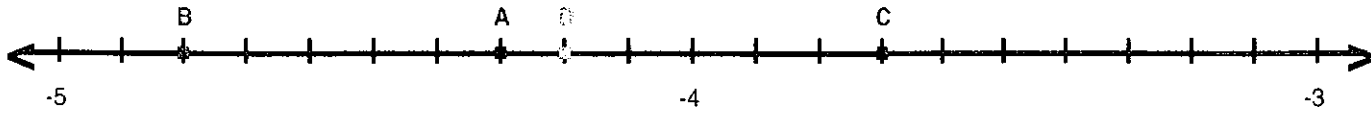
A = _____ B = _____ C = _____ D = _____



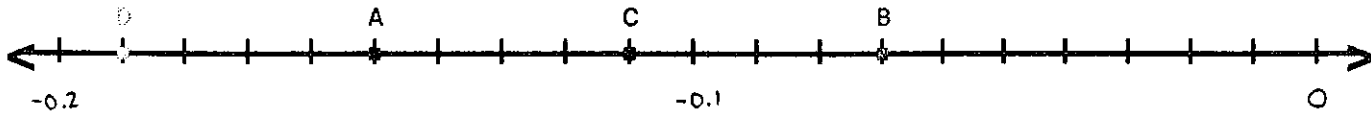
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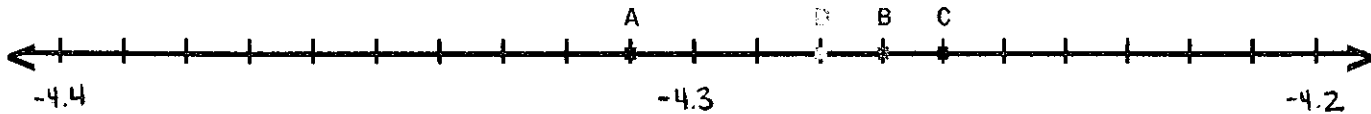
Lesson 1 Decimal Numbers on Number Lines (B)



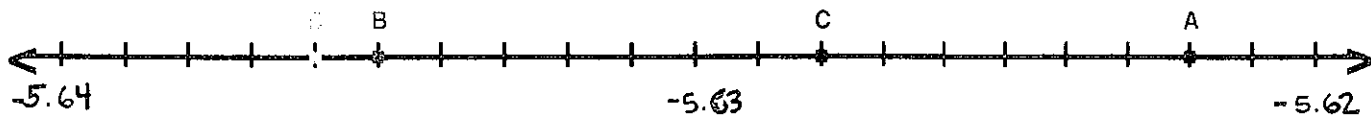
A = _____ B = _____ C = _____ D = _____



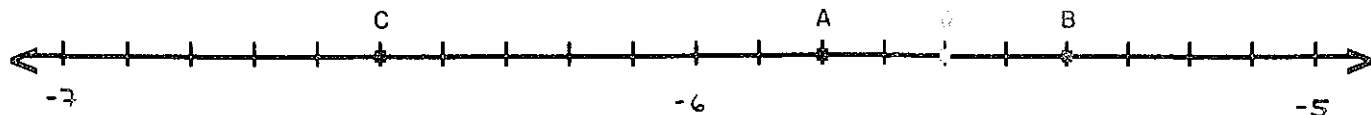
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A = _____ B = _____ C = _____ D = _____



A = _____ B = _____ C = _____ D = _____



A = _____ B = _____ C = _____ D = _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Lesson 2

Write the Correct Comparison Symbol ($>$, $<$ or $=$) in Each Box

1) 5.67 5.61

11) 0.68 0.068

2) 4.5 0.45

12) 6.87 6.87

3) 8.63 8.64

13) 5.41 5.41

4) 7.89 7.81

14) 9.21 9.15

5) 9.28 9.31

15) 6.49 6.45

6) 7.7 0.77

16) 3.58 0.358

7) 4.57 4.52

17) 3.41 0.341

8) 1.99 0.199

18) 9.16 9.23

9) 6.81 6.82

19) 1.86 0.186

10) 3.5 0.35

20) 7.82 7.81



Name : _____

Score : _____

Teacher : _____

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Lesson 2

Write the Correct Comparison Symbol ($>$, $<$ or $=$) in Each Box

1) 3.01 0.301

11) -6.87 -6.87

2) 2.84 0.284

12) 5.3 0.53

3) -3.76 -0.376

13) 3.13 3.1

4) -2.38 -2.36

14) -6.4 -6.36

5) 7.25 7.27

15) -2.79 -2.73

6) 0.89 0.089

16) -1.69 -1.7

7) 8.08 0.808

17) 8.75 8.77

8) 8.83 0.883

18) 1.17 1.18

9) -3.1 -3.06

19) -5.59 -0.559

10) -7.86 -7.87

20) -3.57 -3.6



Lesson 3, 4, 5

Name: _____

Date: _____

Math: _____

Decimal Computation Practice/Homework

Directions: Solve and check each problem. Show all steps of work.

1. $-39.7 + -36.03$	
2. $-11.45 - 3.79$	
3. $191.2 \cdot 3.4$	
4. $6.984 \div 9$	
5. $89.96 \div 3.46$	

Lesson 3, 4, 5

6. $-13.02 + 23.107$	
7. $4.235 - 7.06$	
8. $24.18 \div 7.8$	
9. $0.0023 \div 0.05$	
10. $0.76 \cdot 0.08$	

Reteaching 3-5

Solving Equations by Adding or Subtracting Decimals

Solve the equation $n + 3.2 = -4.7$.

$$\begin{aligned} n + 3.2 &= -4.7 \\ n + 3.2 - 3.2 &= -4.7 - 3.2 && \text{Subtract 3.2 from each side.} \\ n &= -7.9 && \text{Simplify.} \end{aligned}$$

Solve each equation.

1. $n - 17.9 = -31.05$

2. $h + (-8.5) = -0.6$

$n =$ _____

$h =$ _____

3. $y - 33.4 = 81.9$

4. $t + 18.5 = -41$

$y =$ _____

$t =$ _____

5. $h + 20.4 = -15.7$

6. $p - 1.1 = 4.4$

$h =$ _____

$p =$ _____

7. $a + 106.7 = 62.3$

8. $z - 241.6 = 32.7$

$a =$ _____

$z =$ _____

Reteaching 3-6

Solving Equations by Multiplying or Dividing Decimals

Solve the equations $0.7x = -2.8$ and $\frac{x}{1.5} = 0.2$.

$$0.7x = -2.8$$

Write the equation.

$$\frac{0.7x}{0.7} = \frac{-2.8}{0.7}$$

Divide each side by 0.7.

$$x = -4$$

Simplify.

$$\frac{x}{1.5} = 0.2$$

Write the equation.

$$\frac{x}{1.5}(1.5) = 0.2(1.5)$$

Multiply each side by 1.5.

$$x = 0.3$$

Simplify.

Solve each equation.

1. $4x = -2.44$

2. $1.8x = 5.76$

$$x = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}}$$

3. $-\frac{h}{1.05} = -0.36$

4. $-\frac{z}{0.02} = 5.9$

$$h = \underline{\hspace{2cm}}$$

$$z = \underline{\hspace{2cm}}$$

5. $4.25y = 0.85$

6. $-\frac{n}{1.9} = 24.6$

$$y = \underline{\hspace{2cm}}$$

$$n = \underline{\hspace{2cm}}$$

7. $\frac{r}{8.04} = 1.55$

8. $11.32a = -39.62$

$$r = \underline{\hspace{2cm}}$$

$$a = \underline{\hspace{2cm}}$$

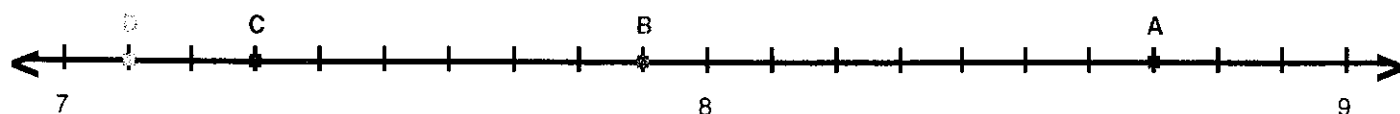
Lesson 6C practice → use packet from class

Name : Key
Teacher : _____

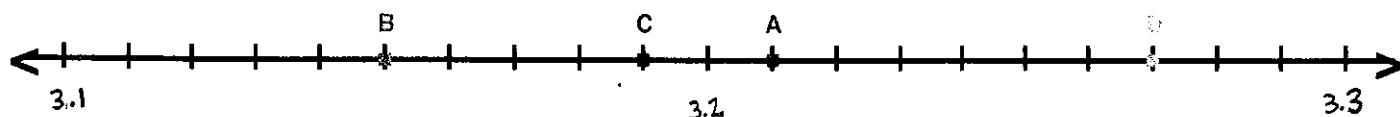
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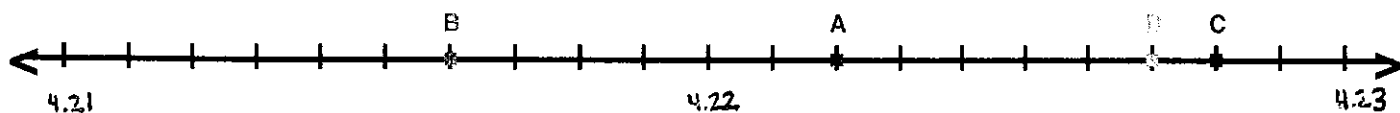
Lesson 1 Decimal Numbers on Number Lines (A)



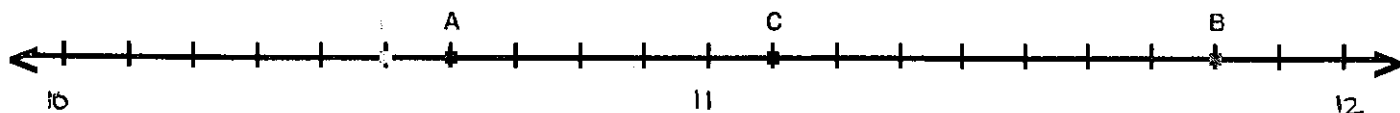
A = 8.7 B = 7.9 C = 7.3 D = 7.1



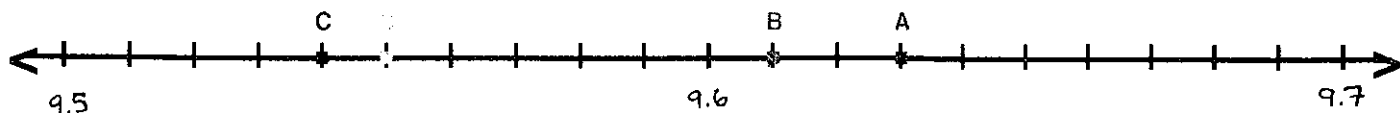
A = 3.21 B = 3.16 C = 3.19 D = 3.27



A = 4.222 B = 4.216 C = 4.228 D = 4.227



A = 10.6 B = 11.8 C = 11.1 D = 10.5



A = 9.63 B = 9.61 C = 9.54 D = 9.55



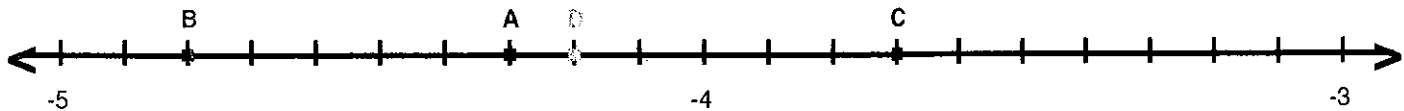
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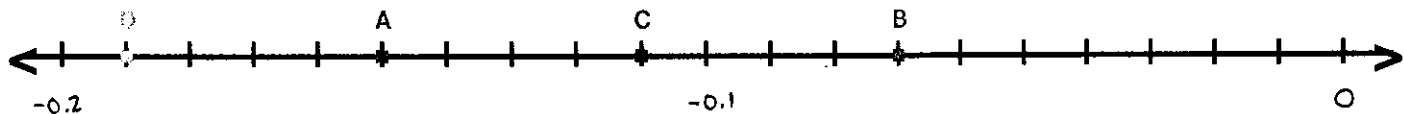
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Date : _____

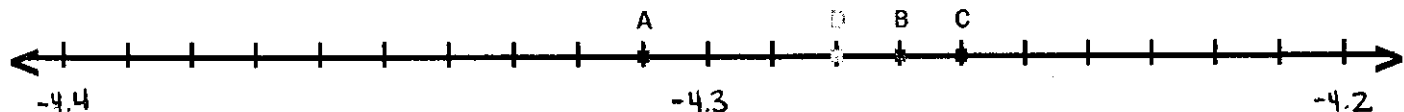
Lesson 1 Decimal Numbers on Number Lines (B)



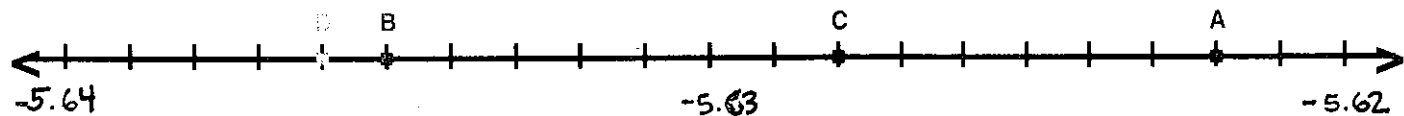
A = -4.3 B = -4.8 C = -3.7 D = -4.2



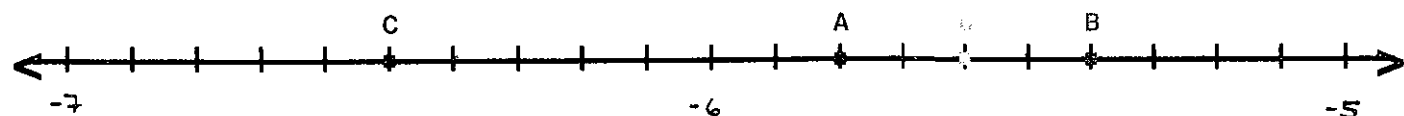
A = -0.15 B = -0.07 C = -0.11 D = -0.19



A = -4.31 B = -4.27 C = -4.26 D = -4.28



A = -5.622 B = -5.635 C = -5.628 D = -5.636



A = -5.8 B = -5.4 C = -6.5 D = -5.6



Name : _____

Score : _____

Teacher : _____

Date : _____

Lesson 2

Write the Correct Comparison Symbol ($>$, $<$ or $=$) in Each Box

1) 5.67 $>$ 5.61

11) 0.68 $>$ 0.068

2) 4.5 $>$ 0.45

12) 6.87 $=$ 6.87

3) 8.63 $<$ 8.64

13) 5.41 $=$ 5.41

4) 7.89 $>$ 7.81

14) 9.21 $>$ 9.15

5) 9.28 $<$ 9.31

15) 6.49 $>$ 6.45

6) 7.7 $>$ 0.77

16) 3.58 $>$ 0.358

7) 4.57 $>$ 4.52

17) 3.41 $>$ 0.341

8) 1.99 $>$ 0.199

18) 9.16 $<$ 9.23

9) 6.81 $<$ 6.82

19) 1.86 $>$ 0.186

10) 3.5 $>$ 0.35

20) 7.82 $>$ 7.81



Name : _____

Score : _____

Teacher : _____

Date : _____

Lesson 2

Write the Correct Comparison Symbol ($>$, $<$ or $=$) in Each Box

1) 3.01 $\boxed{>}$ 0.301

11) -6.87 $\boxed{=}$ -6.87

2) 2.84 $\boxed{>}$ 0.284

12) 5.3 $\boxed{>}$ 0.53

3) -3.76 $\boxed{<}$ -0.376

13) 3.13 $\boxed{>}$ 3.1

4) -2.38 $\boxed{<}$ -2.36

14) -6.4 $\boxed{<}$ -6.36

5) 7.25 $\boxed{<}$ 7.27

15) -2.79 $\boxed{<}$ -2.73

6) 0.89 $\boxed{>}$ 0.089

16) -1.69 $\boxed{>}$ -1.7

7) 8.08 $\boxed{>}$ 0.808

17) 8.75 $\boxed{>}$ 8.77

8) 8.83 $\boxed{>}$ 0.883

18) 1.17 $\boxed{>}$ 1.18

9) -3.1 $\boxed{<}$ -3.06

19) -5.59 $\boxed{<}$ -0.559

10) -7.86 $\boxed{>}$ -7.87

20) -3.57 $\boxed{>}$ -3.6



Name: Key
 Date: _____
 Math: _____

Decimal Computation Practice/Homework

Directions: Solve and check each problem. Show all steps of work.

<p>1. $-39.7 + -36.03$ $- + - = -$</p> $\begin{array}{r} -39.70 \\ + -36.03 \\ \hline -75.73 \end{array}$	$\begin{array}{r} 6 \times 5.73 \\ - 36.03 \\ \hline 39.70 \checkmark \end{array}$
<p>2. $-11.45 - 3.79$</p> $\begin{array}{r} -11.45 + -3.79 \\ \hline 11.45 \\ + 3.79 \\ \hline 15.24 \end{array}$ <div style="border: 1px solid black; padding: 2px; display: inline-block;">-15.24</div>	$\begin{array}{r} 11.45 \\ - 3.79 \\ \hline 15.24 \checkmark \end{array}$
<p>3. $191.2 \cdot 3.4$ est. $200 \cdot 3 \sim 600$</p> $\begin{array}{r} 191.2 \\ \times 3.4 \\ \hline 7648 \\ 57360 \\ \hline 650.08 \end{array}$ <div style="border: 1px solid black; padding: 2px; display: inline-block;">650.08</div>	$\begin{array}{r} 191.2 \checkmark \\ 34 \overline{) 6500.8} \\ \underline{-34} \\ 310 \\ \underline{306} \\ 40 \\ \underline{34} \\ 68 \end{array}$
<p>4. $6.984 \div 9$</p> $\begin{array}{r} 0.776 \\ 9 \overline{) 6.984} \\ \underline{63} \\ 68 \\ \underline{63} \\ 54 \end{array}$	$\begin{array}{r} 0.776 \\ \times 9 \\ \hline 6.984 \checkmark \end{array}$
<p>5. $89.96 \div 3.46$</p> $\begin{array}{r} 26 \\ 346 \overline{) 8996.} \\ \underline{692} \\ 2076 \\ \underline{2076} \\ 0 \checkmark \end{array}$	$\begin{array}{r} 3.46 \\ \times 26 \\ \hline 2076 \\ 6920 \\ \hline 89.96 \checkmark \end{array}$

$$\begin{array}{r} 346 \\ 346 \\ \hline 692 \end{array} \cdot 2$$

$$\begin{array}{r} 346 \\ 346 \\ \hline 1038 \end{array} \cdot 3$$

$$\begin{array}{r} 346 \\ 346 \\ \hline 1384 \end{array} \cdot 4$$

$$\begin{array}{r} 346 \\ 346 \\ \hline 1730 \end{array} \cdot 5$$

$$\begin{array}{r} 346 \\ 346 \\ \hline 2076 \end{array} \cdot 6$$

6. $-13.02 + 23.107$

$$\begin{array}{r} 23.107 \\ -13.020 \\ \hline 10.087 \end{array}$$

$$\begin{array}{r} 10.087 \\ 13.020 \\ \hline 23.107 \checkmark \end{array}$$

7. $4.235 - 7.06$

$$\begin{array}{r} 6 \cancel{7}.0\cancel{6}0 \\ 4.235 \\ \hline 2.825 \end{array}$$

$$\boxed{-2.825}$$

$$\begin{array}{r} 2.825 \\ 4.235 \\ \hline 7.060 \checkmark \end{array}$$

8. $24.18 \div 7.8$

$$\begin{array}{r} 3.1 \\ 78 \overline{)241.8} \\ \underline{234} \downarrow \\ 78 \end{array} \quad \begin{array}{r} 78 \\ \times 3 \\ \hline 234 \end{array}$$

$$\boxed{3.1}$$

$$\begin{array}{r} 3.1 \\ \times 7.8 \\ \hline 248 \\ 2170 \\ \hline 241.8 \checkmark \end{array}$$

9. $0.0023 \div 0.05$

$$\begin{array}{r} 0.046 \\ 5 \overline{)0.23} \\ \underline{20} \\ 30 \end{array} \quad \boxed{0.046}$$

$$\begin{array}{r} 0.046 \\ \times 0.05 \\ \hline 0.00230 \end{array}$$

$0.0023 \checkmark$

10. $0.76 \cdot 0.08$

$$\begin{array}{r} 0.76 \\ \times 0.08 \\ \hline 0.0608 \end{array}$$

$$\boxed{0.0608}$$

$$\begin{array}{r} .76 \\ 8 \overline{)6.08} \\ \underline{56} \downarrow \\ 48 \end{array} \checkmark$$

Reteaching 3-5

Solving Equations by Adding or Subtracting Decimals

Solve the equation $n + 3.2 = -4.7$.

$$n + 3.2 = -4.7$$

$$n + 3.2 - 3.2 = -4.7 - 3.2 \quad \text{Subtract 3.2 from each side.}$$

$$n = -7.9 \quad \text{Simplify.}$$

Solve each equation.

1. $n - 17.9 = -31.05$

2. $h + (-8.5) = -0.6$

$$n = \underline{-13.15}$$

$$h = \underline{7.9}$$

3. $y - 33.4 = 81.9$

4. $t + 18.5 = -41$

$$y = \underline{115.3}$$

$$t = \underline{-59.5}$$

5. $h + 20.4 = -15.7$

6. $p - 1.1 = 4.4$

$$h = \underline{-36.1}$$

$$p = \underline{5.5}$$

7. $a + 106.7 = 62.3$

8. $z - 241.6 = 32.7$

$$a = \underline{-44.4}$$

$$z = \underline{274.3}$$

Reteaching 3-6

Solving Equations by Multiplying or Dividing Decimals

Solve the equations $0.7x = -2.8$ and $\frac{x}{1.5} = 0.2$.

$$0.7x = -2.8$$

Write the equation.

$$\frac{0.7x}{0.7} = \frac{-2.8}{0.7}$$

Divide each side by 0.7.

$$x = -4$$

Simplify.

$$\frac{x}{1.5} = 0.2$$

Write the equation.

$$\frac{x}{1.5}(1.5) = 0.2(1.5)$$

Multiply each side by 1.5.

$$x = 0.3$$

Simplify.

Solve each equation.

1. $4x = -2.44$

2. $1.8x = 5.76$

$$x = \underline{-0.61}$$

$$x = \underline{3.2}$$

3. $\frac{h}{-1.05} = -0.36$

4. $\frac{z}{-0.02} = 5.9$

$$h = \underline{0.378}$$

$$z = \underline{-0.118}$$

5. $4.25y = 0.85$

6. $\frac{n}{-1.9} = 24.6$

$$y = \underline{0.2}$$

$$n = \underline{-46.74}$$

7. $\frac{r}{8.04} = 1.55$

8. $11.32a = -39.62$

$$r = \underline{12.462}$$

$$a = \underline{-3.5}$$

Lesson 6C practice → use packet from class